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Use of electron-diffraction method for examination of metal
surfaces. J. Paskowski (Helsinki, 1951, 11, 137--144; J. Iron Steel
Inst., 1951, 180, 203).—Fundamental principles and apparatus for
electron-diffraction and the prep. of metal surfaces for examination
are described. Studies of some metallic surfaces and conclusions
regarding the formation of oxide layers and the influence of surface
tension and diffusion on the process are discussed. R. B. CLARK

PIASKOWSKI, J.

Review of publications. Przegl odlew 14 no.3:100, 3 of cover
Mr '64.

MALKIEWICZ, T., prof.; PIASKOWSKI, J., dr inż.

Book reviews. Hutnik P 30 no. 11: 381-382 N '63.

PIASKOWSKI J

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Plaskowski J. Research over the Production in Cupolas of Spheroidal

"Badania nad otrzymywaniem żeliwa sferoidalnego z żeliwialni".
(Prace Inst. Odlewn. No. 4), Katowice, 1952, PWT, 21 pp., 35 figs., 31 tabs.
It appears from the research (described in the article that, under conditions obtaining in Poland, the fundamental outlines for, and the process in the production in cupolas of pearlitic iron is as follows. Cast iron containing from 2.0 to 3.8% C, 1.0 to 2.0% Si, and with the minimum content of Mn (less than 0.50%), P (less than 0.20% or better still -- less than 0.10%) and S (under local conditions -- from 0.10 to 0.15%) is obtained in cupolas by using a charge consisting of haematite pig iron (or, exceptionally, semi-haematite), steel scrap and works' own spheroidal iron scrap. It is possible to use iron scrap, if of a sufficiently low phosphorus content. At a temperature, as measured on the

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Piaskowski, J.

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tapping spout, of more than 1380°C, and after pouring into a ladle of not less than 300 kg capacity, the iron is desulphurised by adding roughly 1.0% sodium carbonate and 0.25% calcium carbide, the slag being removed after the melt has been stirred with a graphite-coated steel rod. Next, an MCH-20 alloy (containing $20 \pm 2\%$ Mg, from 50 to 60% Cu and from 20 to 30% Ni) is added to the melt in small lumps, at the rate of from 2.0 to 2.2%, in 2 or 3 doses. After the reaction has settled down, a technological sample is taken, in order to determine whether the quantity of the alloy is adequate. A 15 X 100 mm test bar is, after having solidified, rapidly quenched in water and then broken by means of a hammer. The fracture should be white. Should the fracture be grey, it is necessary, to add a further 0.3 — 0.4% of alloy to the melt and repeat the test. It is recommended that in the event of a positive test result (white fracture) and after the whitish and loose slag has been removed, a final, supplementary 0.2 to 0.4 per cent dose of magnesium alloy be added; casting can be proceeded with after the iron has been modified by means of an additive of 1% of ferrosilicon (75% Si) and the slag carefully removed from the melt. These recommendations are also of importance in the production of ferritic spheroidal iron, which differs only in that further heat treatment of the castings is essential.

RASKOWSKI, J.

Journal of Applied Chemistry
Jan. 1954
Industrial Inorganic Chemistry

(1)
Rapid test of the efficiency of inoculation additions in production of nodular cast iron. J. Raskowski (Przegląd Chemiczny, 1954, 8, No. 4, 115-120; J. Appl. Chem., 1954, 175, 222).—The test consists in casting and breaking a bar after the Mg addition, and evaluating the efficiency of inoculation from the colour of the fracture. The evaluation is somewhat different when Mg alloys are used, which necessitate further additions of Fe-Si. The test enables the action of Mg to be estimated and enables corrective additions to be made when necessary.

PIASKOWSKI, J.

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Piaskowski J., Ręcka J. Cupola Produced Black-Heart Malleable Cast Iron

Produkcja czarnego żelaza ciekawego z żeliwnością. Przemysł Odlewniczy, No. 3, 1983, pp. 173-180, 18 figs, 3 tabs.
A survey of economic advantages of the black-heart process as compared to the white-heart in producing malleable cast iron. For the production of black-heart malleable cast iron there should be provided apparatus able to maintain a homogeneous chemical composition and low carbon content and also an accurate control of annealing temperatures. Some examples are given of calculating a metallic charge for the cupola, the chemical composition of the cast iron and raw materials, as also of the control of annealing temperatures. The melting process, the control of that process, and technological trials are described. The casting temperature was determined experimentally on the basis of trials performed. Examples are given of annealing of black-heart malleable cast iron and means of controlling the annealing process. Finally, there is a description of typical structures of cast iron occurring in production and discussion of causes affecting the formation of defective structure.

PIASKOWSKI J

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PIASKOWSKI J. Properties of Spheroidal Graphite Iron and Its Use in the Engineering Industry.

„Własności żeliwa sferoidalnego i jego zastosowanie w przemyśle budowy maszyn”. Przegląd Mechaniczny. No. 11, 1953, pp. 375-382, 16 figs., 7 tabs.

The author summarises the essential properties of spheroidal graphite iron, including details of the principal varieties of spheroidal

iron, its chemical composition, tensile strength properties — due allowance being made for thickness of walls — fatigue properties, resistance to abrasion and high temperature effect, faculty to damp vibration, machinability and physical properties of spheroidal iron. He emphasises the high degree of tensile strength of spheroidal iron and its versatility in use which cause it to be an excellent substitute for a number of metals in short supply. Recommendations for the use of spheroidal iron in the Polish industry.

PIASKOWSKI, J.; KNOBISDORF, W.

Book reviews. Bitnik P. 10: 347-348, 01/83.

PLASKOWSKI, J., et al. (1964). (1964), 10.

Proc. Internat. Matrix C. no. 10, 1964, 10. Mr. 1964.

MAZUR, J.

Properties of Modular Cast Iron and Its Uses in the Automobile Industry
(Due to selective printing, p. 66-67 were missing)

Source - PROGRESS OF MECHANICAL ENGINEERING (Review) Poland
Vol. XII, No. 1, October 1968, pp. 66-67

HESS, K., and PIKOWSKI, J.:

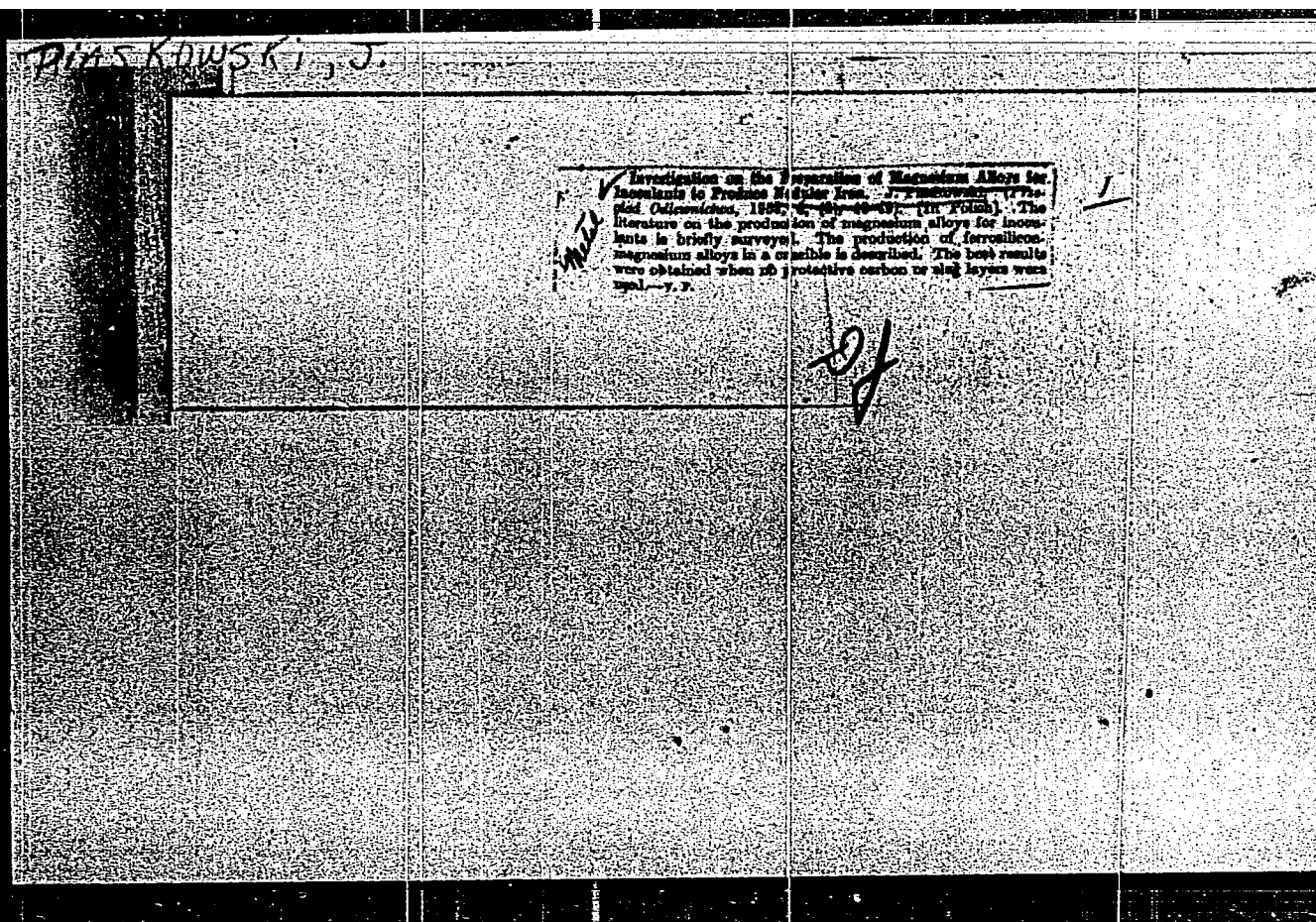
POLAND

"Choice of Materials and Casting Technology for Rotors to Produce Carbon Pumps,"
Prace Instytutu Odlewnictwa, No. 4, 1974.

PIASKOWSKI, J.:

POLAND

"Investigations of the Influence of Remelting Spheroid Cast Iron on the Graphite Form and Matrix Structure," Prace Instytutu Odlewnictwa, No. 4, 1954.



PIASKOWSKI, J.

Research on the Use of Magnesium-Ferroalloy Alloys and Magnesium Alloy Scrap for the Production of a Type of Nodular Iron. J. Piaskowski. (Przegląd Odlewnictwa, 1951, 4, (6), 132-140) Experimental trials

in the production of nodular iron using magnesium-ferroalloy alloys containing about 20% Mg. showed that the presence of copper and aluminium in these alloys has no appreciable influence on the properties of cast iron. Better results were obtained with alloys containing 10-12% Mg. but the use of an alloy of magnesium with calcium silicide for inoculation gave no improvement. Tests with magnesium alloy scrap as an inoculant showed that extra scrap must be added after the white fracture is obtained in the test. The main mechanical properties of nodular iron were examined and their improvement by a normalizing heat-treatment was observed.—v. a.

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PIASKOWSKI, J.

PIaskowski J., Rączka J. Statistical Methods of Production Control in Malleable Castings Foundries.

"Zastosowanie metody statystycznej do kontroli produkcji w odlewni żeliwa ciągliwego". Przegląd Odlewnictwa. No. 11, 1954, pp. 317-327, 13 figs., 7 tabs.

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After a general review of the fundamental statistical values — mean value, range between maximum and minimum values and mean square deviation — and the method of computing them, the authors outline statistical control in foundries concerned with the production of malleable iron castings. Description of control methods for raw material, smelting in cupolas and open-hearth furnaces, the annealing of castings and the percentage of rejects. The statistical control method referred to has been adapted to production conditions prevalent in the majority of Polish foundries concerned with malleable castings.

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PIASKOWSKI, J.

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Plaskowski J. Research over the Influence of Additions Detrimental to the Crystallization of Spheroidal Graphite in Cast Iron.

„Badania nad wpływem domieszek utrudniających krystalizację grafitu sferoidalnego w żeliwie”. (Prace Inst. Odlaw. No. 1), Warszawa, 1954, PWT, 12 pp., 37 figs., 23 tabs.

An outline of researches carried out over the influence of aluminium, titanium, lead, bismuth, antimony and tin on the production of spheroidal cast iron with magnesium-ferrosilicium alloys and electron scrap. Aluminium and titanium are detrimental to the crystallisation of spheroidal graphite in cast iron, but this influence may be neutralized by increasing the quantity of magnesium added. Antimony, bismuth and lead have a stronger effect. Even a considerable increase in the quantity of magnesium added did not give totally spheroidal graphite. Tin, on the other hand, has no influence on the crystallisation of spheroidal graphite in cast iron. The deleterious influence of the additions named was in some cases neutralized by the introduction of cerium-oxide together with magnesium; calcium-silicium, ferrozirconium, ferrosilicium, fluorite and other additions produced no influence in this direction.

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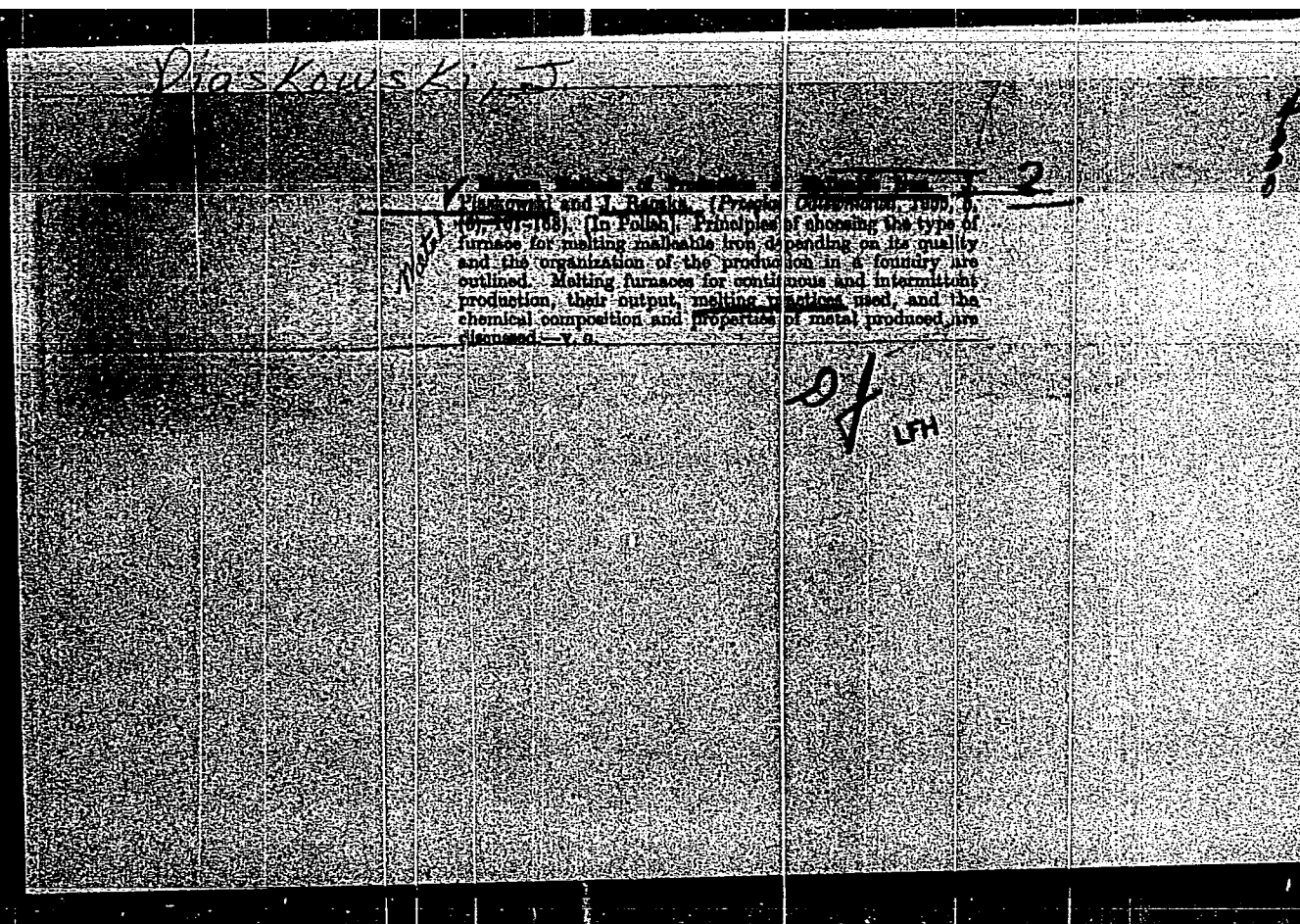
of 1954

PLASKOWSKI, J.

Investigations on the formation of a bright perlitic rim in the structure of blackheart malleable iron castings. p. 13.

Metallurg, Vol. 6, No. 2, 1959 (published 1960), Poland.

SO: East European Accessions List, Lib. of Cong., Vol. 6, No. 10, Oct. 1966.



1. The first, second, and third paragraphs of the first section of the document are identical to the first, second, and third paragraphs of the first section of the document.

2. The fourth, fifth, and sixth paragraphs of the first section of the document are identical to the fourth, fifth, and sixth paragraphs of the first section of the document.

3. The seventh, eighth, and ninth paragraphs of the first section of the document are identical to the seventh, eighth, and ninth paragraphs of the first section of the document.

PIASEKOWSKI, J.

PIASEKOWSKI, J. New Soviet achievements in the production of scientific
instruments. 36.

Vol. 6, No. 10, Oct. 1977

TECHNICAL INFORMATION

TECHNOLOGY

Warsaw, Poland

See: East European Accession, Vol. 6, No. 6, Aug. 1978

PIASKOWSKI, J.

G. Agricola, a great metallurgist of the Renaissance. p. 348.

PRZEGLAD ODLEWNICTWA. (Stowarzyszenie Techniczne Odlewnikow Polskich)
Krakow, Poland, Vol. 5, no. 11, Nov. 1955.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

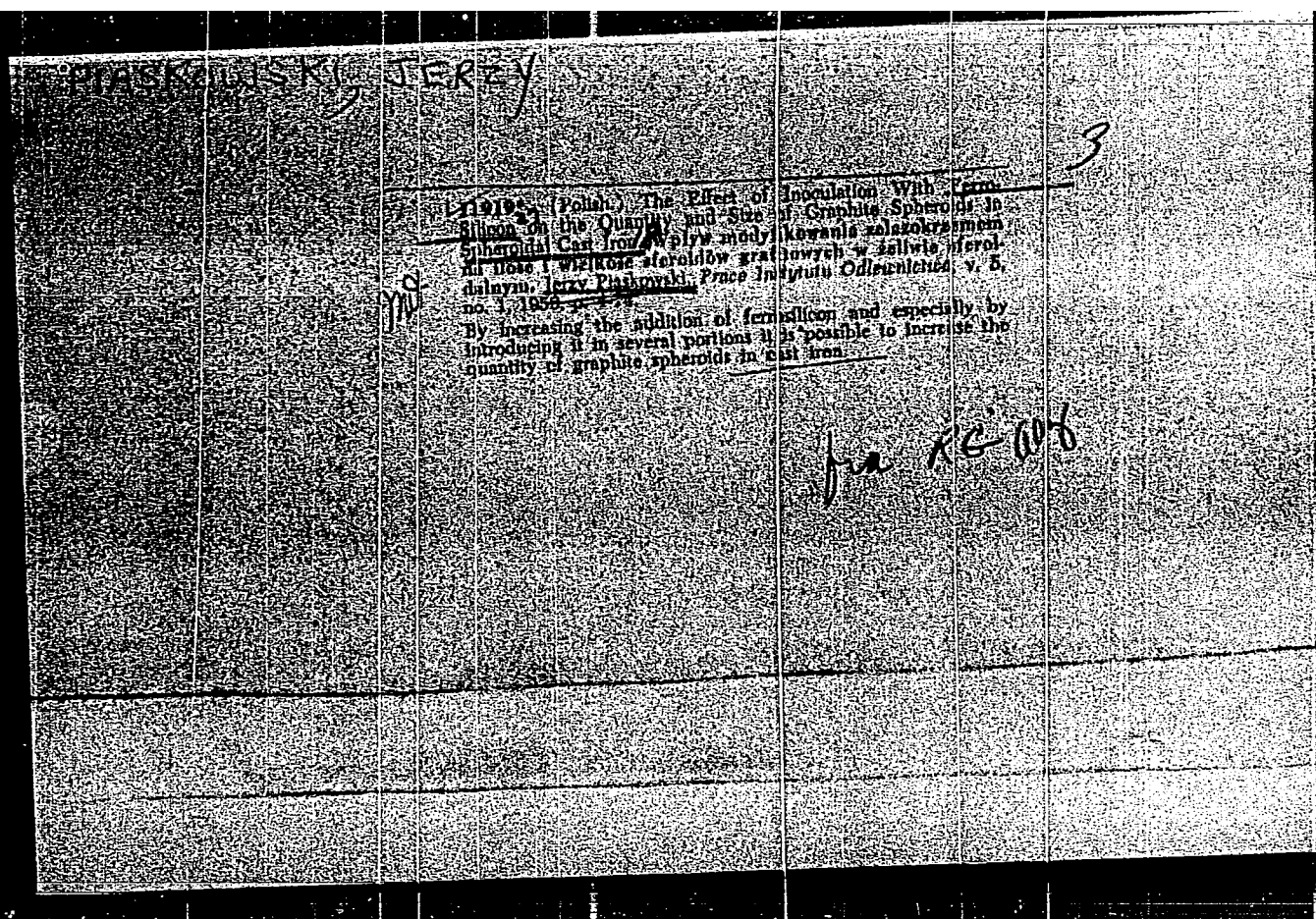
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PIASKOWSKI, J.

"Investigations on the Formation of a Bright Perlitic Rim in the Structure of Black Heart Malleable Iron Castings," by J. RACZKA and J. PIASKOWSKI: Prace Instytutu Ministerstwa Hutnictwa, Gliwice, No. 2, 1957,

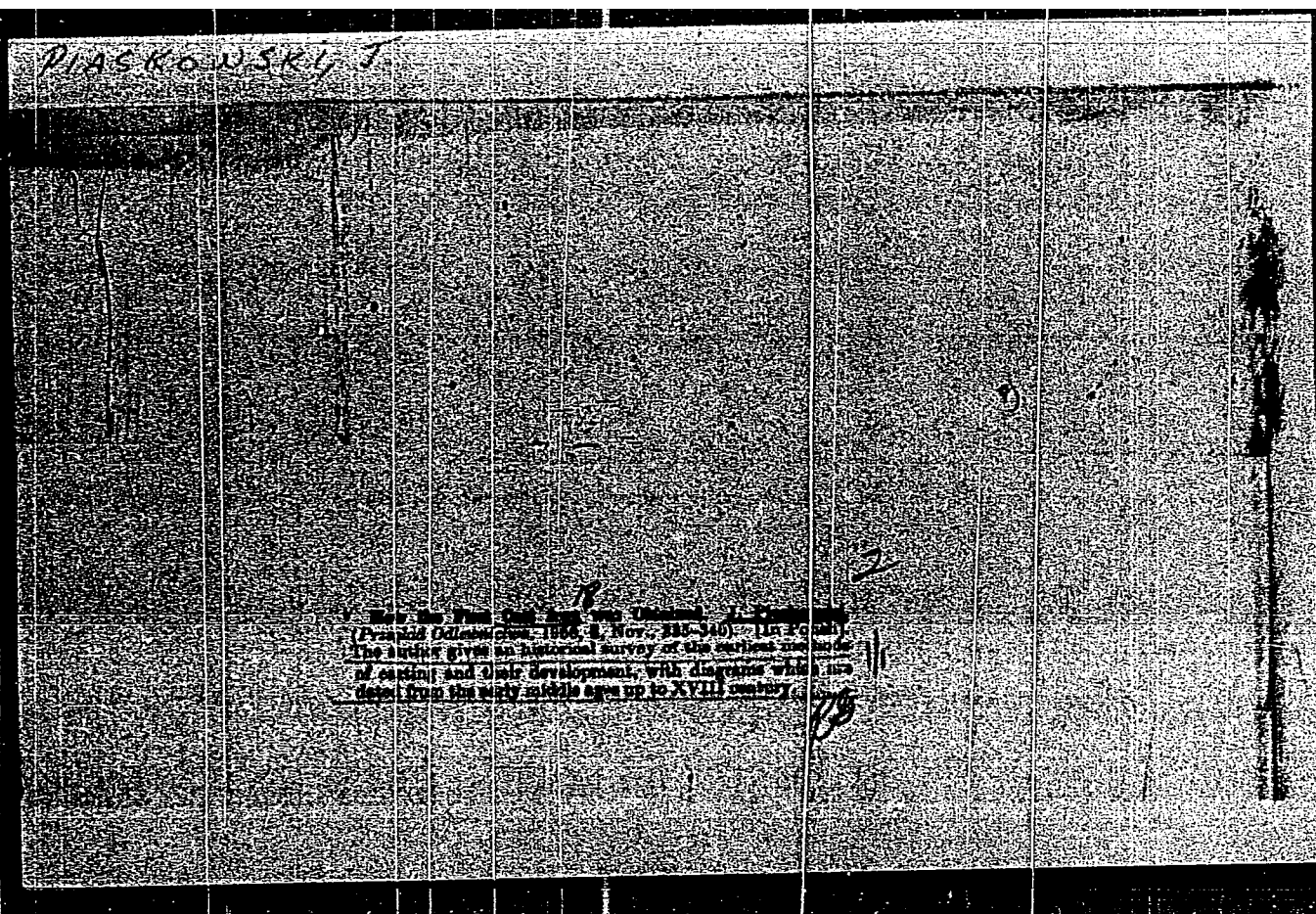
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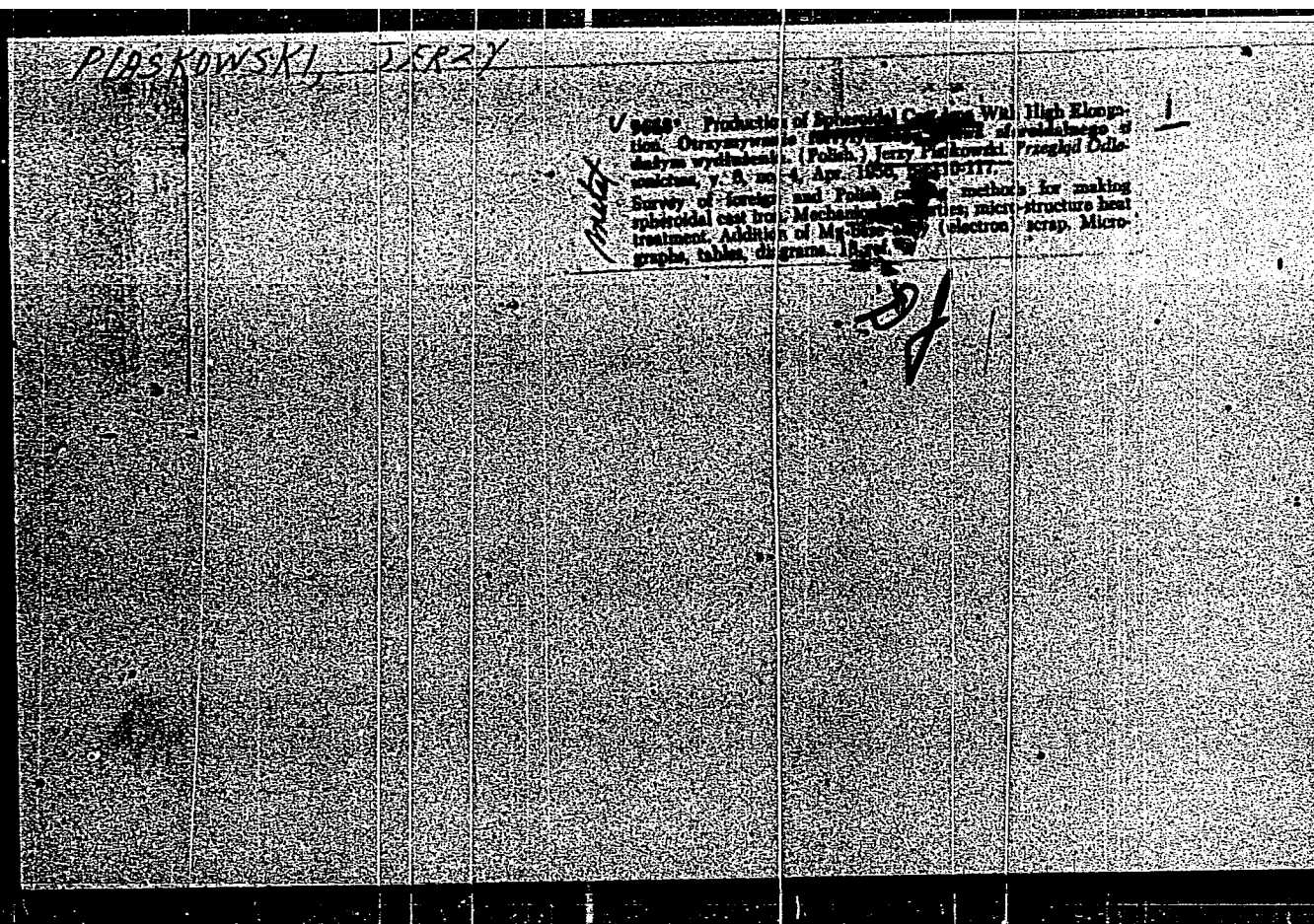


PIASKOWSKI, JERZY

18062 (Polish) Investigations on the formation of a
Bright Pearlite Rim in the Structure of Black Heart Malleable
Iron Castings. ~~Badania nad powstawaniem jasnej obwódki~~
~~w strukturze odlewów z czarnego żelaza ciągliwego~~ Jan
Jaczka and Jerzy Piaskowski, ~~Prace Instytutu Odlewnictwa~~,
v. 5, no. 2/66, 1966, p. 43-44.
The quantity of graphitization nuclei near the surface of cast-
ings is a decisive factor in the pearlitic rim appearance. The
rim may be removed by pre-heating the cast iron to a tempera-
ture above 800° C and subjecting it to air cooling before
annealing.

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• Piaskowski J., Jankowski A. Spheroidal Cast Iron.
„Zeliwo sferoidalne”. Warszawa, 1157, PWT, 16”, 232, pp., 168 figs.,
76 tabs.

Distr: 4E2b(e)

Deals with all kinds of problems pertaining to the production and use of spheroidal cast iron. Includes classification and chemical composition of cast iron, theoretical fundamentals of crystallization of graphite, and methods of producing spheroidal cast iron for this purpose; technology of producing castings from spheroidal cast iron and the thermal treatment of such castings; information concerning the properties and use of spheroidal cast iron.

PLASKOWSKI, J.

Metallographic research on samples of pig iron and cast iron from 19th-century foundries in Wegierska Gorka, Samsonow, Mostki, and Chlewiska in the Old Polish industrial basin. p. 253.

Krakow. Instytut Wdlewnictwa. PRACE. Warszawa, Poland.
Vol. 7, no. 3/4, 1957. (published 1958).

Monthly list of East European Accessions Index, (EEAI), LC, Vol. 5, no. 6,
June 1959
uncla.

PIASKOWSKI, Jerzy, mgr., inż.

Technology of iron products in the Polish territories during the
years 550 - 400 before Christ. Przegl techn 79 no.2:74-76 '58.

(Poland—Iron)

PIASKOWSKI, J.

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609.131.89 : 669.71 : 669.8

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Plaskowski J. The Influence of Aluminium and Zinc Contaminations
in Magnesium on the Formation of Spheroidal Graphite in Cast Iron.

„Wplyw domieszek aluminium i cynku w magnezie na wytwarzanie
grafitu sferoidalnego w żeliwie”. Przegląd Odlewnictwa. No. 10—11,
1958, pp. 314—321, 5 figs., 7 tabs.

In some countries, including Poland, the scrap of castings from
magnesium alloys with aluminium and zinc, the so called Elektron is
used for the production of spheroidal graphite cast iron. In order to
determine the influence of the introduction of these additions together
with magnesium when producing spheroidal graphite cast iron, 15
melts of such cast iron using magnesium alloys containing up to 30 per
cent Al and 10 per cent Zn were carried out. In order to obtain
a uniform matrix structure, the cast test bars were annealed.
Statistical analysis, which involved the determination of partial
coefficients between the tensile strength or elongation and the alumi-
nium and zinc quantity added to cast iron and the aluminium content
in cast iron, excluding the remaining variables (the content of magne-
sium, silicon and phosphorus) has shown in general that the influence of
aluminium and zinc — as constituents of magnesium alloys — on the
production and mechanical properties of spheroidal graphite cast iron
is negative.

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PIASKOWSKI, Jerzy, mgr.inz.

A voice in the discussion on the activities of industrial
institutes. Przegl techn 79 no.10:442-443 My '58.

PIASKOWSKI, J. : KUMOR, J. : JANKOWSKI, A.

The Technology of the Production Spheroid Cast Iron in a Sealed Ladle, p. 69.

PRZEGLAD ODLEWNICTWA. (Stowarzyszenie Techniczne Odlewnikow Polskich)
Krakow, Poland
Vol. 9, no. 4, April 1959.

Monthly List of East European Accessions Index (EEAI), IC, Vol. 8, No. 11,
November 1959.
Uncl.

PIASKOWSKI, J.

The history of metallurgic literature in Poland up to 1875. p. 199

HUTNIK. (Panstwowe Wydawnictwa Techniczne) Katowice, Poland. Vol 26, no 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959
uncla.

PIASKOWSKI, Jerzy

The influence of modifying with ferro-silicon and of the thickness of the wall of the casting on the shape, size and amount of the spheroidal graphite precipitates in spheroidal cast iron. Prace inst odlewn 10 no.2:75-97 '60.

1. Zaklad Fizyki Metali, Instytut Odlewnictwa, Krakow

JANKOWSKY, A. (Krakko); PIASKOWSKY, J. (Krakko); KUMOR, J. (Krakko)

Manufacturing globular cast iron in a locked ladle. Koh lap 93
no. 3. Suppl: Ontode 11 no. 3: 55-59 Mr '60.

PIASKOWSKI, Jerzy

Kinetics of magnesium evaporation during the holding of
spheroidal graphite cast iron in the foundry ladle.
Prace inst odlew 11 no.4:321-326 '61 [Publ. '62]

1. Zaklad Fizyki Metali, Instytut Odlewnictwa, Katowice.

HAJOSZKI, JEFFY

letter to the editor on the history of Polish metalurgy.
Iwart hist nauki i tech 9 no. 1: 163-164.

PIASKOWSKI, Jerzy, dr inz.

PIASKOWSKI, Jerzy

Kinetics of dissolving carbon in spheroidal graphite cast iron during isothermic heating held above the critical point Acl.
Prace inst odlew 12 no.1:66-80 '62 [publ. '63].

1. Pracownia Fizyczna, Instytut Odlewnictwa, Katowice.

PIASKOWSKI, Jerzy, dr inż.

Iron technology on the Polish Territories during the 6th
to the 14th centuries of our era. Wiad. hut. 19 no.12:
332-339 D¹ 2.

PIASKOWSKI, Jerzy

Comments on K.Bielenin and M.Radwar's remarks on the Method of excavation works concerning metallurgy in the Swietokrzyskie Mountains. Kwart hist nauki i tech 8 no.3:413-418 '63.

In reply to Professor E.Olszewski's remarks.

PIASKOWSKI, Jerzy

Metallurgic research on old iron objects, 1955-1962. Kwart hist
nauki i tech 8 no.1:77-86 '63.

"Metallurgy in archeology. A prehistory of metallurgy in the
British Isles" by R.F.Tylecote. Reviewed by Jerzy Piaskowski.
98-99

PIASKOWSKI, Jerzy, dr inż.

Research on the occurrence of so-called white spots in thin-walled castings from gray cast iron. Przegl odlew 12 no.1.-
Suppl.:Biul inf Inst odlew 12 no.1/2:1 '62.

PIASKOWSKI, Jerzy, inż.

The technology of cannon molding in the third volume of "Artillery science" by J. Jakubowski. (To be contd.). Przegl odlewn 12 no. 2: 62-65 '62.

PIASKOWSKI, J., dr., inż.

New programming council of the monthly "Przegląd Odlewnictwa".
Przegl odlew 12 no.3:93 Mr '62.

PIACHONSKI, Jerzy, dr. inż.

The technology of molding cannons in the third volume of J.
Jakubowski's "Artillery science" (Warsaw, 1781-1784). (1781-1784).
Przełom odlew 12 no.6 174-176 Je '62.

PIASKOWSKI, Jerzy, dr inż.

Research on the influence of diameter of the sample upon the graphitization kinetics of white cast iron within the range of temperature 850° - 950° C. Przegl odlew 12 no.8/9:287-293 Ag-S '62.

PIASKOWSKI, Jerzy, dr inż.

Methods of testing the graphitization rate of malleable
cast iron. Przegl odlew 12 no. 10-301-307 6 '61.

PIASKOWSKI, Jerzy, dr inż.

Kinetics of the graphitization of white cast iron in the maximum temperature range (first stage of graphitization). Przegl odlew 12 no.11:346-351 N '62.

PIASKOWSKI, Jerzy, dr inż.

Technology of gun molding in the third volume of J. Jakubowski's
work on "The science of artillery" (Warsaw 1781-1783). Przegl
odlew 12 no.11:360-361 N '62.

PIASKOWSKI, Jerzy, dr inż.

Ancient foundry literature in the Library of the Institute of
Foundry. Przegl odlew 12 no.11:Suppl.:Biul inform Inst odlew
12 no.11/12:21 '62.

PIASKOWSKI, J., dr inż.

"Mining and metallurgy in the Polish Tatra Mountains" by Henryk
Jost. Reviewed by J. Piaskowski. Przegl. odlew 12 no.12:394 D '62.

PIASKOWSKI, Jerzy, dr., inż.

Technology of iron in Poland in the period between the 8th and
1st century before our era. Wiad hut 18 no.1:1-7 '62.

PIASKOWSKI, Jerzy, dr inż.

Early research on the strength of metals in Poland. Przegl mech
21 no.1:22-24 10 Ja '62.

1. Instytut Odlewnictwa, Krakow.

PIASKOWSKI, Jerzy, dr., inż.

Ancient literature concerning technical problems and the
need to republish its monumental works. Przegl techn no.21:
6 27 My '62.

PIASKOWSKI [redacted] 113. (Kraus)

J.F. Carosi - report on mining and metallurgy in Poland 1774
1781. Hutnik P 25 no.6.225 230 Je 1781.

PIASKOWSKI, Jerzy, dr inż.

Variations in the amount and size of temper carbon precipitates during annealing of white cast iron within the maximum temperature range, (first stage of graphitization). Przegl odlew 13 no.3:90-93 Mr '63.

PIASKOWSKI, Jerzy, dr inz.

Founding technology of cannon shots and bombs in cast-iron molds as shown in the third volume of J. Jakubowski's "Artillery science," Warsaw 1783. Przegl odlew 13 no.3:93-95 Mr '63.

PIASKOWSKI, Jerzy

"The coming of the age of steel" by Theodore A. Wertime.
Reviewed by Jerzy Piaskowski. Kwart hist nauki i tech 8
no.2:276 '63.

PIASKOWSKI, Jerzy, dr inż.

Iron technology on the territories of Poland during the 1st to the 5th centuries of our era. Wiad hit 19 no.11:299-306 N'63.

PIASKOWSKI, Jerzy, dr.

Methods for testing the graphitization velocity of malleable
cast iron. Koh lap 96 no.10:Suppl: Ontode 14.no.10:232-238
0 '63.

PIASKOWSKI, Jerzy, dr inż.

Professor Kazimierz Gieruziejski's technical works. Przeg. odlew
13 no.2:37-41 F '63.

PIASKOWSKI, J.

Days of Technological Books and Press. Przegl odlew 14 no. 1:
32 Ja '64.

PIASKOWSKI, J., dr inz.

Interesting books on booksellers' shelves. Przegl odlew 13 no.2:
69-70 F '63.

PIASKOWSKI, J.; RUTKOWSKI, J.

Answer to P. Murza-Mucha's letter on Przegląd Odlewnictwa. Przegląd
odlewn 13 no.3:99 Mr '63.

PIASKOWSKI, Jerzy, dr inz.

J. Osinski (1783-1802) and his contribution to the development
of the Polish literature on metallurgy. Wiad hut 19 no.1:3-5
Ja '63.

PLASKOWSKI, Jerzy, dr inż

Technology of iron in the vicinity of Krakow and Nowa Huta, Poland,
period of the 1st century B.C. until the 14th century A.D. with
30 no.1:25-29 Ja '63.

PIASKOWSKI, J., dr inż.

"Metallurgy in antiquity" by R.F. Tylecote. Reviewed by J. Piaskowski
Hutnik P 30 no.2:62-63 F '63.

FIASKOWSKI, Henry

M. J. Fournier's book on the history of the CIA, which lists
many of the names of the CIA's top officials.

PIACKOWSKI, Jozef

Graphitization kinetics of white cast iron in the solid state.
Prace Inst. Odlewnictwa, 1964, 10, 1-10, 10 figs, 10 refs.

1. Department of Physics of Metals, of the Institute of Technology, Lodz.
Prace, Krakow. Submitted January 31, 1964.

PIASKOWSKI, Jerzy, in inz.

~~"Tryb Polski"~~, the first Polish periodical on technology, 1828.
1828. Wied. hist 21 no.4:117-120 Ap '65.

PIASKOWSKI, Jerzy

More on research methods in ancient metallurgical technology
Kwart. hist. nauk. i techn. 7 (1989) 591-602.

PIASKOWSKI, Jerzy, dr inż.

Beginning of modern physical metallurgy. Wiad hut 15 no.
12:381-385 D '64.

PIASKOWSKI, Jerzy

Topics of research work on housing in Great Britain
and France. Przegl. ośw. no. 10:294-296 O '64.

PIASKOWSKI Jerzy, dr inż. (Kraków

Iron technology in the Opole Province of Silesia during the 20-21st
centuries of our era. Hłutak 8: 48 no.12:462-467 B 1961.

PIASKOWSKI, Jerzy

Casting technology of gunshot and bombs in sand molds, in the third volume of J. Jakubowski's "Artillery science," Warsaw, 1723. Przegl odlew 14 no.7:211-213 J1 '64.

Results of the inquiry of the Programming Council of "Przegląd Odlewnictwa" for 1963. Ibid.:222.

Meeting of the Programming Council of "Przegląd Odlewnictwa." Ibid.:222-223.

PIASKOWSKI, Jerzy, dr inż.

Krzysztof Kluk, 1739-1796, and his contribution to the development of Polish metallurgic literature. Wiad hut 15 [i.e. 20] no.5:157-161 My '64.

LEMPICKI, Jerzy, mgr inż.; PIASKOWSKI, Jerzy, dr inż.

Review of publications. Przegląd 14 no.5:159-160
My '64.

PIASKOWSKI, Jerzy, dr. inz.

Founding technology of gunshots and bombs in iron cast molds as found in Vol. 3 of J.Jakubowski's "Artillery sciences," Warsaw 1783. Przegl odlew 13 no.12:332-334 D '63.

"Ores, forge shops, and ironworks in Poland" by Mieczyslaw Radwan. Reviewed by Jerzy Piaskowski. Ibid.:342-343.

"One thousand years of Polish engineering" by Boleslaw Orlovski. Reviewed by J.Piaskowski. Ibid.:343.

PIASKOWSKI, Jerzy

Influence of the diameter of machined test bars on the kinetics of graphitization of white cast iron within the temperature range of 850° 950° C (first stage of graphitization). Prace inst odlew 12 no. 2: 81-132 '63. [publ. '63].

1. Pracownia Fizyczna, Instytut Odlewnictwa, Krakow.

PIASTOWSKI, Jerzy, inż.

Progress in preparing regulations for the use of radio and television in railroads. Przegl kolej elektrotechn 13 no.10:311-312 '61.

ADONAJLO, Aniela; pom. techn. PIATKOWSKI, Jerzy; DZIKOWSKA, Janina;
MAGDZIARZ, Henryka; GILEWSKA, Aniela

Comparative evaluation of human antipertussis vaccines of domestic
production. III. Epidemiological evaluation of the pertussis component
of diphtheria-tetanus-pertussis vaccines. Przegl. epidem. 16 no.4:
423-430 '62.

1. Z Zakladu Epidemiologii PZH Kierownik: prof. dr J. Kostrzewski
i ze Stacji Sanitarno-Epidemiologicznej dla m. st. Warszawy Kierownik
Dzialu Epidemiologii: lek. med. H. Malyszko.
(PERTUSSIS VACCINE) (DIPHTHERIA) (TETANUS)

PIATKOWSKI, Mieczyslaw

Readers of technical books and press shall be educated. Przegl
techn 81 no.20:3-4 '60.

PIASKOWSKI 3+

POLAND/Acoustics - Ultrasonics

J-4

Abstr Jour : Ref Zhur - Fizika, No 4, 1959, No 6589

Author : Topa Mieczyslaw, Plaskowski Stanislaw

Inst : Institute of Pharmacy, Poland

Title : Extraction of Medicinal Plants by Means of Ultrasonics

Orig Pub : Proc. II conf. ultrason., 1956, Warszawa, PWN, 1957, 231-240

Abstract : Experiments were performed on the extraction of medicinal substances by acoustic methods. The best conditions for extraction were obtained when sounding a corresponding semi-finished material for 2.5 hours at a frequency of 370-500 kc and a temperature of 25-30°. The role of the ultrasonics reduces essentially to acceleration of the diffusion processes; simultaneously it disperses the colloidal particles, suspended in the solution, and this increases considerably the quality of the obtained product. The ultrasonic method was verified in the manufacture of tannin and of essences of lemon, rose, and vanilla. It is noted that the most important quality of the acoustic extraction is the possibility

Card : 1/2

CA PIASKOWSKI, St. Future developments in the Polish pharmaceutical industry. St. Piaskowski, <i>Przemysl Chem.</i> 4, 124-7 (1948).—Plans are outlined for overcoming the lack of domestic raw materials used in the production of pharmaceuticals. Frank Gonet										17									
ASD. SLA METALLURGICAL LITERATURE CLASSIFICATION																			

PIASKOWSKI, ST.

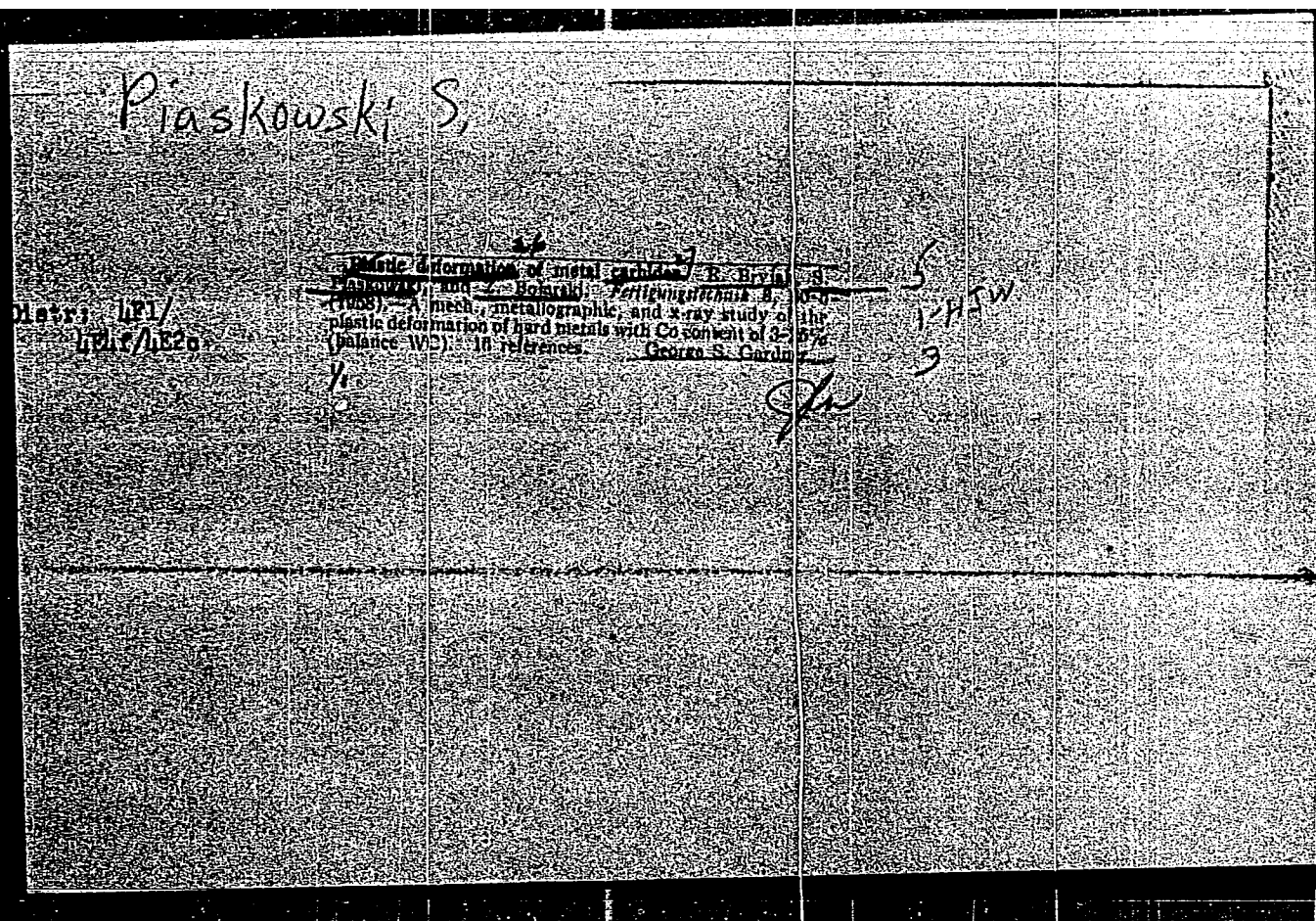
...substances of indigenous raw material for gum arabic.
...Plaskowski, Farm. Polon. 12, 30-32 (1956). The
...neutralizing product resulting from the action of pure
...dextrin was investigated as a possible substitute for gum
...arabic in pharmaceutical preps. In the cases studied the
...Dextran was found to be either equal to or better than
...the gum arabic.
...I. R. Kosak

SYNOWI EDZKI, Zds. Doc. Mgr.; PIASKOWSKI, St. Mgr.

Crystalline penicillin tablets for oral administration. Parn.
polska 11 no.1:7-10 Jan '55.

1. Z Zakładu Farmacji Stosowanej Instytutu Farmaceutycznego w
Warszawie.

(PENICILLIN, administration,
oral, crystalline penicillin tablets)



BOGUSZ, Waldemar; KOCHLER, Brygida; PIASTOWSKA, Elwira; RZESZOTARSKA, Alina.

Behavior of protein fractions in the blood serum in children
with bronchial asthma. Otolaryng. pol. 17 no.4:435-436 '63.

1. Z Oddziału Otolaryngologicznego PSK 4 w Katowicach (kierują-
cy: doc.dr.med. W.Kusnierczyk) i ze Szpitala Miejskiego Nr 3
dla dzieci w Katowicach (dyrektor: dr. med. S.Roszak).

*

KUSNIERCZYK, Wacław; SOSNIEŻOWA, Kryszyra; PIASTOWSKA, Elwira;
DOBRÓWOLSKI, Andrzej.

Effect of tonsillectomy and adenotomy on the course of bronchial
asthma in children. Otoralerg. pol. 17 no.4:449-450 '63.

1. Z Oddziału Otolaryngologicznego Państwowego Szpitala Kli-
nicznego Fr.4 w Katowicach.

*

L 44584-66 EWT(m)/EWP(j) IJP(c) RM

ACC NR: AP6015670 (A) SOURCE CODE: UR/0413/66/000/009/0076/0076 14

INVENTOR: Pingauz, I.M.; Zavlina, R. Z.; Trofimova, N. V.; Piastro, O.V. E

ORG: none

TITLE: Method of obtaining polyvinyl dimethoxymethane, Class 39,
No. 181291, announced by State Scientific Research Institute of
Polymers (Gosudarstvennyy nauchno-issledovatel'skiy institut polimeriza-
tsionnykh plastmass)

SOURCE: Izobreteniya, promyshlennyye obratzy, otvarnyye znaki, no. 9,
1966, 76

TOPIC TAGS: polyvinyl, polyvinyl dimethoxymethane

ABSTRACT: An Author Certificate has been issued for a method of obtain-
ing polyvinyl dimethoxymethane by a heterogeneous process of polyvinyl
alcohol and formaldehyde which occurs in a water medium upon heating in
the presence of hydrochloric acid and an emulsifier. To obtain a finely
divided product, carboxymethylcellulose is used as the emulsifier.
[Translation]. [NT]

SUB CODE: 11/ SUBM DATE: 09Nov64/

Card 1/1 Lgm

UDC: 678.744.531.07

SECHUKAREV, S.A., prof., ed.; PLASTEN, A.I., ed.

[Chemistry of the rare elements] Khimii. rezhikh. elementov.
Leningrad, Inst-vo Leningr. univ., 1974. 400 p.
(MIRA 1975)

1. Leningrad. "M. Litet.

DOBRYANSKIY, A.F., prof., red.; TISHCHENKO, V.V., dots., red.;
GAVRILOV, B.G., dots., red.; PIASTRO, V.D., red.; ZHUKOVA,
Ye.G., tekhn. red.

[Proper storage of machinery]Kak pravil'no khranit' mashiny.
Moshva, Mosk. rabochii, 1962. 35 p. (MIRA 15:10)
(Agricultural machinery--Storage)

GORJUNOVA, Nina Aleksandrovna; PIASTRO, V.D., red.; YELIZAROVA,
N.A., tekhn. red.

[Adamantine semiconductor chemistry] Khimiiaalmazopodob-
nykh poluprovodnikov. Leningrad, Izd-vo Leningr. univ.,
1963. 221 p. (Semiconductors) (MIRA 16:6)

ZAKHAR'YEVSKIY, Mstislav Sergeyevich; NIKOL'SKIY, B.P., otv. red.;
DOBYCHIN, D.P., kand. khim. nauk, otv. red.; PIASTRO, V.D.,
red.; ZHUKOVA, Ye.G., tekhn. red.

[Kinetics and catalysis] Kinetika i kataliz. Leningrad, Izd-
vo Leningr. univ. 1963. 313 p. (MIRA 16:7)

1. Chlen-korrespondent AN SSSR (for Nikol'skiy).
(Chemical reaction, Rate of (Catalysis)

MAKARENENYA, A.A.; MOGILEV, M.Ye.; KROTIKOV, V.A.; BALICHEVA, T.G.;
ARIYA, S.M., civ. red.; PLASTIC, T.D., red.; YELIZANOVA,
N.A., tekhn. red.

[How to prepare for entrance examinations for institutions
of higher learning; chemistry] Kak gotovit'sia k priemnym
ekzamenam v vuz; khimiia. Izd. 2. Leningrad, 1963. 153 p.
(MIRA 17:1)

1. Leningrad. Universitet.

